



Thomas
Scientific



SARS-CoV-2 Diagnostic Products



*Top products to promote
continued and efficient
patient care.*

Pipettors

Pipette Tips

96 Well Plates

Tubes & Racks

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Sealing Film

Primers/Probes

RT-PCR Instruments

RT-PCR & RNA Extraction Kits

ELISA Equipment

ELISA Kits

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The SARS-CoV-2 pandemic has raised many questions that the Research Community will undoubtedly work tirelessly to answer. We at Thomas Scientific recognize the importance of providing our Customers with the most up-to-date technologies, consumables, reagents, and equipment to help lead those efforts.

This brochure is not meant to be inclusive of all the products that Thomas Scientific has to offer, but rather, consider this a starting point for discussion. As you start generating recombinant proteins and stable cells lines and then perform all of the assays that will follow soon thereafter (Western blotting, Flow Cytometry, Elispot, etc), Thomas Scientific looks forward to collaborating with you!

Pipettors

Thomas No.	Brand	Description	Quantity
1159Z16	labForce	labForce™ Motorized Pipette Controller	Each
1159Z35	labForce	SHARP™ Single Channel Pipettor, 0.1-2µL	Each
1159Z29	labForce	SHARP™ Single Channel Pipettor, 0.5-10 µL	Each
1159Z33	labForce	SHARP™ Single Channel Pipettor, 2-20µL	Each
1159Z27	labForce	SHARP™ Single Channel Pipettor, 10-100µL	Each
1159Z31	labForce	SHARP™ Single Channel Pipettor, 20-200µL	Each
1159Z25	labForce	SHARP™ Single Channel Pipettor, 100-1,000µL	Each
1159Z37	labForce	SHARP™ Single Channel Pipettor, 500-5,000µL	Each
1159Z23	labForce	SHARP™ Single Channel Pipettor, 1,000-10,000µL	Each
1159Z40	labForce	Sharp™ 8-Channel Pipettor, 0.5-10µL	Each
1159Z43	labForce	Sharp™ 8-Channel Pipettor, 5-50µL	Each
1159Z41	labForce	Sharp™ 8-Channel Pipettor, 20-200µL	Each
1159Z42	labForce	Sharp™ 8-Channel Pipettor, 50-300µL	Each
1159Z44	labForce	Sharp™ 12-Channel Pipettor, 0.5-10µL	Each
1159Z47	labForce	Sharp™ 12-Channel Pipettor, 5-50µL	Each
1159Z45	labForce	Sharp™ 12-Channel Pipettor, 20-200µL	Each
1159Z46	labForce	Sharp™ 12-Channel Pipettor, 50-300µL	Each
20A00C937	labForce	Sharp™ Pipette Starter Kit	Each



Pipette Tips

Thomas No.	Brand	Description	Quantity
1149J69	labForce	10 µL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1149J70	labForce	10 XL µL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1149J71	labForce	20 µL Sharp Elite™ Barrier Tips, Clear, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1149J88	labForce	100 µL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1149J72	labForce	200 µL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1138W95	labForce	200 µL XL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1149J73	labForce	300 µL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 4800/Cs
1145N16	labForce	1000 µL XL Sharp Elite™ Barrier Tips, Racked Sterile, Clear, Graduated, Low-Retention	960/Pk ; 3840/Cs



96 Well Plates

Thomas No.	Brand	Description	Quantity
1149K04	labForce	96-Well PCR Plates, Flat Top, Standard, Clear	25/Pk ; 100/Cs
1148A47	labForce	96-well PCR Plates, Low-Profile, Non-Skirted, Cuttable, Clear	20/Pk ; 100/Cs
1139Y45	labForce	96-Well PCR Plates, Semi-Skirted, ABI-Type, Clear	25/Pk ; 100/Cs
1149K06	labForce	96-Well PCR Plates, Semi-Skirted, ABI-Style, Clear	25/Pk ; 100/Cs
1148A73	labForce	96-Well PCR Plates, Semi-Skirted, Raised Rim, FAST, Low-Profile, Clear	10/Pk ; 100/Cs
1149K03	labForce	96-Well PCR Plates, Semi-Skirted, Standard, Clear	25/Pk ; 100/Cs
1149K05	labForce	96-Well PCR Plates, Full-Skirted, Clear	25/Pk ; 100/Cs
1148A96	labForce	384-Well PCR Plates, ABI-Style, A24 Notch, Clear	25/Pk ; 100/Cs
1148A91	labForce	384-Well PCR Plates, 2-Notch A24, P24, Clear	10/Pk ; 100/Cs



Tubes & Racks

Thomas No.	Brand	Description	Quantity
1158R11	Denville	15 mL (17 x 120 mm) tubes w/screw cap, sterile	500/Cs
1159M36	Denville	15 mL (17 x 120 mm) tubes w/screw cap, sterile	500/Cs
1158R09	Denville	50 mL (30 x 115 mm) tubes w/screw cap, sterile	500/Cs
1158R10	Denville	50 mL (30 x 115 mm) tubes w/screw cap, sterile	500/Cs
1159M35	Denville	1.7 mL microcentrifuge tube, boil-proof	500/Pk ; 5000/Cs
1149K01	labForce	1.7 mL posi-click, grad microcent tubes, boilproof, clear	500/Pk ; 5000/Cs
1138W14	labForce	1.7 mL posi-click, grad microcent tubes, boilproof, clear, sterile	500/Pk ; 2500/Cs
1149K02	labForce	2.0 mL posi-click, grad microcent tubes, grad, boilproof, clear	500/Pk ; 5000/Cs
1164L91	Globe	16 mm Half Size Wireless Rack, Autoclavable, White	Each
1164L56	Globe	16 mm Full Size Wireless Rack, Autoclavable, White	Each
1164M44	Globe	20 mm (for 15 mL centrifuge tube) Autoclavable, White	Each
1164M52	Globe	32 mm (for 50 mL centrifuge tube) Autoclavable, White	Each



Markers

Thomas No.	Brand	Description	Quantity
1150J69	Globe Scientific	Diamond PerfectMark, Laboratory Marker, Black	10/Bx
1226C12	Bel-Art - SP Scienceware	Belpen™ Markers, Black	3/Pk



Sealing Film

Thomas No.	Brand	Description	Quantity
1222K41	Excel Scientific	ThermalSeal RTS, Optically Clear w/Silicone Adhesive	100/Cs
1187A11	Excel Scientific	ThermalSeal RTS, Sterile	50/Cs
6980A11	Excel Scientific	ThermalSeal RT Sealing Film, Non-Sterile	100/Bx
1232X09	Excel Scientific	ThermalSeal RT2RR Sealing Film, Non-Sterile	100/Pk
6980A10	Excel Scientific	ThermalSeal Film	100/Pk
6980A13	Excel Scientific	ThermalSeal Film, Sterile	100/Pk
1204C20	Excel Scientific	ThermalSeal 2™ Sealing Films for PC	100/Bx



Primers/Probes

Thomas No.	Brand	Description	Quantity
CHM00C522	Bio Basic	2019-nCoV_N1-F, GACCCCAAATCAGCGAAAT, 20 bases, HPLC Purified, 2 OD	Each
CHM00C523	Bio Basic	2019-nCoV_N1-R, TCTGGTACTGCCAGTTGAATCTG, 24 bases, HPLC Purified, 2 OD	Each
CHM00C524	Bio Basic	2019-nCoV_N1-P, ACCCCGCATTACGTTTGGTGGACC, 24 bases, HPLC Purified, 2 OD mods: 5' 6-FAM, 3' BHQ1	Each
CHM00C525	Bio Basic	2019-nCoV_N2-F, TTACAAACATTGGCCGCAAA, 20 bases, HPLC Purified, 2 OD	Each
CHM00C526	Bio Basic	2019-nCoV_N2-R, GCGCGACATTCGAAGAA, 18 bases, HPLC Purified, 2 OD	Each
CHM00C527	Bio Basic	2019-nCoV_N2-P, ACAATTTGCCCCAGCGCTTCAG, 23 bases, HPLC Purified, 2 OD mods: 5' 6-FAM, 3' BHQ1	Each
CHM00C528	Bio Basic	2019-nCoV_N3-F, GGGAGCCTTGAATACACCAAAA, 22 bases, HPLC Purified, 2 OD	Each
CHM00C529	Bio Basic	2019-nCoV_N3-R, TGTAGCACGATTGCAGCATTG, 21 bases, HPLC Purified, 2 OD	Each
CHM00C530	Bio Basic	2019-nCoV_N3-P, AYCACATTGGCACCCGCAATCCTG, 24 bases, HPLC Purified, 2 OD mods: 5' 6-FAM, 3' BHQ1	Each
CHM00C092	Bio Basic	CCCTGTGGGTTTACACTTAA Coronavirus Primers	Each
CHM00C093	Bio Basic	ACGATTGTGCATCAGCTGA Coronavirus Primers	Each
CHM00C094	Bio Basic	GGGGAACCTCTCCTGCTAGAAT Coronavirus Primers	Each
CHM00C095	Bio Basic	CAGACATTTTGTCTCAAGCTG Coronavirus Primers	Each
CHM00C096	Bio Basic	GGTGGTCTCTCTGACTTCA Coronavirus Primers	Each
CHM00C097	Bio Basic	CTTGACAAAGTGGTCGTTGAG Coronavirus Primers	Each
CHM00C098	Bio Basic	TTCTTGCTTTCGTGGTATTC Coronavirus Primers	Each
CHM00C099	Bio Basic	CACGTTAACAAATATTGCAGC Coronavirus Primers	Each
CHM00C100	Bio Basic	GTGARATGGTCATGTGTGGCGG Coronavirus Primers	Each
CHM00C101	Bio Basic	CARATGTTAAASACACTATTAGCATA Coronavirus Primers	Each
CHM00C102	Bio Basic	ACAGGTACGTTAATAGTTAATAGCGT Coronavirus Primers	Each
CHM00C103	Bio Basic	ATATTGCAGCAGTACGCACACA Coronavirus Primers	Each
CHM00C091	Lucigen	2019-nCoV CDC Probe and Primer	100/Pk



Thomas Scientific offers the widest range of microplates for ELISA Antibody detection applications. Please contact us for the best product for your application.

RT-PCR Instruments

Thomas No.	Brand	Description	Quantity
1162D03	Victory Scientific	UF-150 GENECHECKER™ Ultra-Fast Real-Time qPCR System	Each
20A00J397	Azura Genomics	Blue MyGo Mini Real-Time PCR Instrument	Each
20A00J396	Azura Genomics	MyGo Pro Real-Time PCR Instrument	Each
1190M39	Techne (Cole-Parmer)	Prime Pro 48 PCR System, 100-240V	Each
1182K90	Analytik Jena	qTOWER ³ qPCR Thermal Cycler, 115V	Each



RT-PCR & RNA Extraction Kits

Thomas No.	Brand	Description	Quantity
C755D41	Omega Bio-tek	Mag-Bind® Viral DNA/RNA 96 Kit	12 x 96 PREPS
CHM00A016	Omega Bio-tek	Mag-Bind® Total RNA 96 Kit	4 x 96 PREPS
1154H17	Zymo	Quick-DNA/RNA Viral MagBead	4 x 96 PREPS
C756Q33	MilliporeSigma	Transcriptor One-Step RT-PCR Kit, 50rx	Each
C756Q34	MilliporeSigma	Transcriptor One-Step RT-PCR Kit, 150rx	Each
C852A35	MilliporeSigma	Titan One Tube RT-PCR System	Each



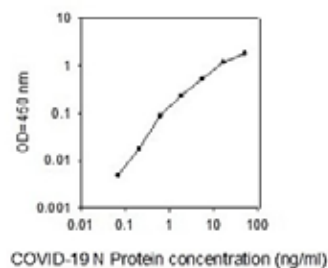
ELISA Equipment

Thomas No.	Brand	Description	Quantity
20A00H083	Tecan	Sunrise Reader, Base Unit	Each
20A00H084	Tecan	Filter Slide Set, 4 Standard Filters, for Sunrise	Each
INSTHF-02	Tecan	HydroFlex™, Ready to configure, Strip washer	Each
INSTHS-02	Tecan	HydroSpeed™ plate washer, 96- and 384-well microplate formats	Each



ELISA Kits

Thomas No.	Brand	Description	Quantity
CHM00C597	Ray Biotech	COVID-19 N-Protein ELISA, 5 plates	Each
CHM00C600	Ray Biotech	COVID-19 (SARS-CoV-2) Human IgG Antibody Detection Kit, 5 plates	Each
CHM00C603	Ray Biotech	Human ACE-2 ELISA, 5 plates	Each
CHM00C606	Ray Biotech	Human ACE-2 ELISA, for Lysates, 5 plates	Each
CHM00C219	GenScript	SARS-CoV-2 Spike S1-RBD IgG&IgM ELISA Detection Kit	Each
CHM00C220	GenScript	SARS-CoV-2 NP&RBD Total Antibody ELISA Detection Kit	Each



Many companies and researchers have developed rapid real-time, RT-PCR tests that are necessary to reliably and quickly diagnose potential Coronavirus-infected patients. We recognize that many basic research settings may not have access to those rapid test and may prefer to analyze their samples via a more "traditional" route. The CDC¹ has published multiple primer and probe sequences, allowing any lab with the expertise and the technology to run their own in-house qRT-PCR assays. Thomas Scientific offers a wide-range of kits and instrumentation to support the development and execution of SARS-CoV-2 real-time RT PCR assays.

In an effort to understand the potential immune response against SARS-CoV-2 infection, ELISA kits designed to detect IgM and/or IgG antibodies are now commercially available. Additionally, recent publications have begun to understand host factors involved in viral binding and entry, and have demonstrated that SARS-CoV-2 uses human ACE2 to enter cells². We currently offer a variety of anti-ACE2 antibodies as well as ELISA kits, and will continue to follow the Research closely to offer the necessary reagents to aid in this rapidly expanding field.

¹ <https://www.cdc.gov/coronavirus/2019-ncov/downloads/rt-pcr-panel-primer-probes.pdf>

² Cell. 2020 Apr 16;181(2):281-292.e6. doi: 10.1016/j.cell.2020.02.058. Epub 2020 Mar 9.